

IN THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings, of claims in the subject Patent Application:

Listing of Claims:

1. (Currently amended) A fingerprint identification apparatus, comprising:
 - a contact image sensor (CIS) module;
 - a keyswitch having a transparent plate for finger-tactility, ~~and the~~ the keyswitch having relative movement with respect to the CIS module, the transparent plate being disposed immediately adjacent the CIS module to maintain direct optical coupling therewith;
 - a restoring means arranged on the keyswitch to provide restoring force to the keyswitch.
2. (Original) The fingerprint identification apparatus as in claim 1, wherein the CIS module is fixedly arranged on a base and the keyswitch is slidably fit on the base.
3. (Withdrawn) The fingerprint identification apparatus as in claim 1, wherein the CIS module is movably arranged on a base; a link means composed of at least two link rods sets provided between the keyswitch and the base; the CIS module connected with the link rod sets; the keyswitch having verticle movement such that the link rod sets link the CIS module to move in horizontal direction.

4. (Withdrawn) The fingerprint identification apparatus as in claim 1, wherein the CIS module is movably arranged on a base; a link means composed of a plurality of wedges being provided between the keyswitch and the base; the keyswitch having vertical movement such that the wedges link the CIS module to move in horizontal direction.

5. (Withdrawn) The fingerprint identification apparatus as in claim 4, wherein a guiding stage is provided on the keyswitch and a guiding rod is provided on the base, the guiding rod being slidably fit into the guiding stage.

6. (Canceled).

7. (Original) The fingerprint identification apparatus as in claim 1, wherein the transparent plate further has a scale rule to measure the fingerprint size.

8. (Original) The fingerprint identification apparatus as in claim 1, wherein the restoring means is made of resilient element.

9. (New) The fingerprint identification apparatus as in claim 1, wherein the keyswitch is integrally formed to include the transparent plate.

10. (New) The fingerprint identification apparatus as in claim 2, wherein the base includes at least one guiding shaft, and the keyswitch includes at least one sliding part coupled to the transparent plate to slidably engage the guiding shaft.

11. (New) The fingerprint identification apparatus as in claim 11, wherein the restoring means includes at least one resilient element disposed about the guiding shaft for resilient deflection responsive to slidable displacement of the transparent plate.

12. (New) A fingerprint identification apparatus, comprising:

a base including at least one guiding shaft;

a contact image sensor (CIS) module coupled to said base;

a keyswitch displaceably coupled to said base for tactile manipulation by a user's finger, said keyswitch including a transparent plate disposed immediately adjacent said CIS module, said keyswitch including at least one sliding part extending from said transparent plate to coaxially engage said guiding shaft in slidable manner; and,

at least one resilient member coupled to said keyswitch for restoratively biasing said keyswitch relative to said base;

whereby relative movement between said transparent plate and CIS module is actuated responsive to the tactile manipulation, said CIS module maintaining direct optical coupling with said transparent plate during said relative movement.